## Benson Creek

The Kentucky Department of Water (KDOW) assessed the water quality conditions of Benson Creek form river mile 0 to 4.6. They have found the water quality has impaired the growth of aquatic life through sedimentation and siltation. The KDOW suspects local agriculture, and habitat modification to be the source of the impairment.

The KDOW has assessed the water quality conditions of Benson Creek from river mile 4.6 to 13.4. They have found the water quality has impaired the growth of aquatic life through sedimentation, siltation, and nutrient eutrophication (overly rich in organic nutrients). The KDOW suspects highway/road runoff, on-site treatment systems (septic systems), agriculture, and habitat modification to be the cause of this impairment.

## Elkhorn Creek

The KDOW has assessed the water quality conditions of Elkhorn Creek from river mile 0 to 18.2. They have found the water quality has impaired fish consumption and general recreation on the creek due to the presence of Mercury and various pathogens in the stream. The cause of the impairment is currently unknown.

## What You Can Do

You can help prevent these impairments in a number of ways:

- You can reduce the amount of organic nutrients entering the creek by reducing your fertilizer use or by getting your land tested to determine the right amount of fertilizer to use.
- In order to reduce sediment flowing in the creek, make sure your property has a well established cover. Also any areas that are disturbed should have temporary erosion control devices in place prior to land disturbance. Work should be completed in a timely manor and groundcover established once work stops or final grade is achieved.
- If you are on a separate septic system, you should confirm your system is working properly and keep up with proper maintenance.